Clarke®

DEVIL CERAMIC SPACE HEATERS

Devil 330

Part Nos: 6920264 (110V) & 6920265 (230V)

OPERATING & MAINTENANCE INSTRUCTIONS

CE

GC0310

INTRODUCTION

Thank you for purchasing this CLARKE Ceramic Space Heater.

Please read this manual thoroughly and follow the instructions carefully. Before attempting to use the heater, thoroughly familiarise yourself with the heater & its operation. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to the heater giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

ENVIRONMENTAL PROTECTION

Do not dispose of this product with general household waste. This product contains valuable raw materials and must be disposed of according to the laws governing Waste Electrical and Electronic Equipment, at a recognised disposal facility.

GENERAL SAFETY RULES

1) WORK AREA

1. These heaters are for INDOOR USE ONLY.
2. Do not expose the heater or power cable to rain or wet conditions. Any water entering the heater will increase the risk of electric shock. DO NOT use this heater in a bathroom, shower room or any other wet environment.
3. NEVER locate the heater near combustible materials such as curtains, furniture etc. Allow at least 2 metre distance.
4. DO NOT locate the heater close to an adjacent wall or low ceiling. Allow a distance of at least 1 metre from a wall or ceiling. Avoid placing the heater directly below power socket outlets.
5. Take care to ensure that the front guard cannot be covered.
6. Do not operate heater in explosive atmospheres such as in the presence of flammable liquids, gases or dust such as in a paint spray booth or any explosive environment.
7. Never stand the heater on a movable vehicle where it could tip over.
8. Do not allow the emitters to become covered with dust which could become a fire hazard. If used in a dusty workplace it should be cleaned as described under Cleaning and Maintenance.
9. NEVER touch the emitters for at least 15 minutes after switching off.
10. DO NOT leave the heater unattended.
11. If children are present always use with a fireguard.
12. Store the heater out of the reach of children and do not allow persons unfamiliar with these instructions to operate it.
13. Do not use this heater with a programmable timer used to switch it on automatically.
14. Use ONLY in an upright position.

2) ELECTRICAL SAFETY

1. Electrical appliances must match the power outlet. Never modify the plug in any way. Do not use adaptor plugs with earthed (grounded) appliances. Correct plugs and outlets will reduce the risk of electric shock.
2. Do not abuse the electrical cable. Never use the cable for pulling or unplugging the heater. Keep the cable away from sources of heat, oil, sharp edges or moving parts. Damaged or tangled cables increase the risk of electric shock.
3. Keep the mains cable well away from machines and ensure an adequate electrical supply is close at hand so that the operation is not restricted by the length of the cable.

4. ALWAYS disconnect from the mains supply before moving the heater, or performing any cleaning or maintenance tasks.
5. Inspect the mains cable regularly for signs of damage. DO NOT use if it is damaged, and ALWAYS keep it away from the source of heat.
6. Check the heater for damage before use. Any damage should be properly repaired or the part replaced. If in doubt, **DO NOT** use. Consult your local Clarke dealer.

3) SERVICE & REPAIRS

1. If necessary, have your heater repaired by a qualified person using identical replacement parts. This will ensure that the safety of the appliance is maintained.

   Additionally, please keep these instructions in a safe place for future reference.

ELECTRICAL CONNECTIONS

230V HEATER

The 230v model (Clarke part no 6920265) is provided with a 13 amp BS 1363 plug, fitted with a 13amp fuse and MUST be connected to a standard, 230 Volt (50Hz) electrical supply, preferably through a suitably fused isolator switch.

WARNING: THIS APPLIANCE MUST BE EARTHED

IMPORTANT: The wires in the mains lead should be wired up in accordance with the following colour code:

Green & Yellow	-	Earth
Blue	-	Neutral
Brown	-	Live

As the colours of the flexible cable of this appliance may not correspond with the coloured markings identifying terminals in your plug, proceed as follows:

- Connect the GREEN & YELLOW coloured cord to the plug terminal marked with a letter E or Earth symbol "⏚" or coloured GREEN or GREEN & YELLOW.
- Connect the BROWN coloured cord to the plug terminal marked a letter "L" or coloured RED.
- Connect the BLUE coloured cord to the plug terminal marked a letter "N" or coloured BLACK.

If this appliance is found to be fitted with a plug which is moulded on to the electric cable (i.e. non-rewireable) please note:

1. The plug must be thrown away if it is cut from the electric cable. There is a danger of electric shock if it is subsequently inserted into a socket outlet.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from your local Clarke dealer or most electrical stockists.

FUSE RATING

The fuse in the plug must be replaced with one of the same rating and this replacement must be ASTA approved to BS1362.

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD).

110V HEATER

The 110v model (Clarke part no 6920264) MUST be connected to a 110 Volt, 1 phase 50Hz supply through a suitably fused isolator switch. On no account must a 230V, 13amp (BS1363) plug be used.

NOTE: If a portable 110V transformer is used, make sure it has a rated capacity sufficient to take the load of the heater.

In the event that the heater is hard wired into the electrical system, it must be carried out in accordance with IEE regulations.

The user should purchase a suitable connecting lead which is compatible with the appliance socket. A length of 2-3 metres is recommended as giving mobility to the heater but without becoming a trip hazard.

If in any doubt, consult a qualified electrician. DO NOT attempt any electrical repairs yourself.

UNPACKING AND ASSEMBLY

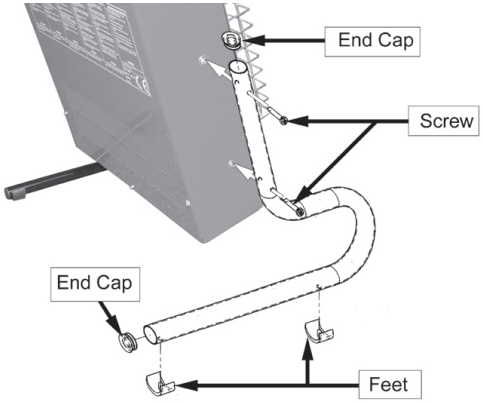
Before assembling, please check contents against the following list and advise your dealer immediately if any parts are missing.

1 x Heater

2 x Support Legs

4 x Screws

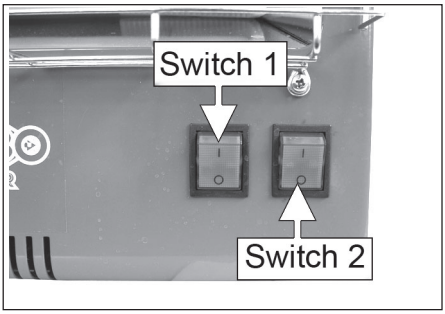
1. Attach the side legs to the heater using the screws provided.
2. Fit the feet and end caps as shown.
3. DO NOT use the heater without fitting the legs.



INSTRUCTIONS FOR USE

1. Place the heater on a firm, solid foundation, and following all safety precautions, plug in to a suitable mains supply.
2. The power output can be adjusted at three settings.

SWITCH 1	SWITCH 2	HEAT OUTPUT
ON	OFF	800W
OFF	ON	1600W
ON	ON	2400W



NOTE: The heater is equipped with a tip-over device that automatically shuts the power off should the heater tip over. If this happens, simply place the heater in its correct position and it will immediately restart.

CLEANING & MAINTENANCE

ALWAYS allow the heater to cool down for at least 15 minutes and disconnect from the mains supply before performing any maintenance tasks.

PERIODICALLY

- Inspect the mains cable for damage. Undue heat will cause the cable to stiffen and crack. If this is found, have the cable replaced. Check cable routing and ensure it is well away from the heat source.
- Disconnect from the mains supply, remove the guard and wipe the reflector and elements with a clean damp cloth. DO NOT use abrasive cleaners. Take care that no moisture enters the heater.
- Refer to your CLARKE dealer if internal maintenance is required.
- When storing the heater, allow it to cool down, then place it in its packing box for storage in a dry, ventilated place.

CERAMIC ELEMENT REPLACMENT

Ceramic elements are long lasting and should not need replacing under normal circumstances. Should this become necessary take the heater to your Clarke dealer.

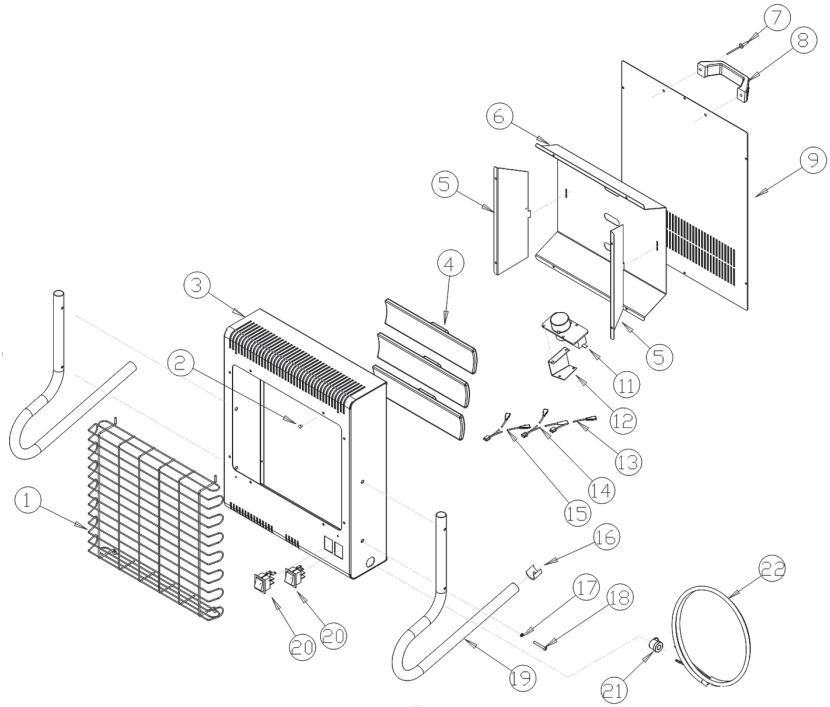
For parts & Servicing, please contact your nearest dealer, or CLARKE International, on one of the following numbers.

PARTS & SERVICE TEL: 020 8988 7400
PARTS & SERVICE FAX: 020 8558 3622
or e-mail as follows:
PARTS: Parts@clarkeinternational.com
SERVICE: Service@clarkeinternational.com

FAULT FINDING

Problem	Possible Cause	Remedy
Heater does not operate, although plugged in and switched on.	Plug is loose/bad connection.	Pull the plug out & check the connection of the plug and socket.
	Fuse blown	Replace if necessary and investigate cause. If fuse blows repeatedly, consult your CLARKE dealer.
	No power at socket outlet.	Insert the plug in a suitable socket.
Heating element glowing hot.	Input voltage too high or too low.	Use a power supply in accordance with the rating on the label.
	Air inlet is partly blocked.	Ensure the heater is kept away from any objects or materials which could partially cover the front guard or be drawn into it.

COMPONENT PARTS



No	Description	Part No
1	Front Guard	AX20240017
2	Screw	AX20230079
3	Front Panel	AX20630985
4	Heating Element	AX20070016
5	Side Reflector Panel	AX20630023
6	Main Reflector Panel	AX20630022
7	Rivet	AX20230191
8	Handle	AX20010007
9	Rear Panel	AX20630990
11	Tip-over Switch	AX20320017
12	Switch Support	AX20620207

No	Description	Part No
13	Cable	AX20390125
14	Cable	AX20390126
15	Cable	AX20390127
16	Rubber Foot	AX20020017
17	Washer	AX20230148
18	Screw	AX20230076
19	Foot	AX20610024
20	ON/OFF Switch	AX20320014
21	Cable Clamp	AX20310011
22	Power Cable	AX20390406

TECHNICAL SPECIFICATION

Model	Devil 330	
Part No	6920264	6920265
Weight	6 kg	6 kg
Dimensions (LxWxH) mm	365x400x525	365x400x525
Max. Heat Output	800/1600/2400 W	800/1600/2400 W
Rated Current	21.8 A	10.5 A
Supply Voltage	110v / 50 Hz / 1ph	230v / 50 Hz / 1 ph
Fuse rating	13 A	13 A
Insulation Class	IP20	IP20

Please note that the details and specifications contained herein, are correct at the time of going to print. However, CLARKE International reserve the right to change specifications at any time without prior notice.

A selection of suitable extension leads & plugs is available from your nearest CLARKE dealer, for further information, contact your nearest dealer, or telephone CLARKE International Sales department on 01992 565300.

DECLARATION OF CONFORMITY

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Clarke® INTERNATIONAL

Hemnall Street, Epping, Essex CM16 4LG

DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2004/108/CE *Electromagnetic Compatibility Directive.*

2006/95/CE *Low Voltage Equipment Directive*

The following standards have been applied to the product(s):

EN 55014, EN 60335-1, EN 60335-2-30

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2008

Product Description:	2.8kW Ceramic Heater (110V) & (230V)
Model number(s):	Devil 330
Serial Number:	6920264, 6920265
Date of Issue:	26/02/2010

Signed:

J.A. Clarke

Director

A SELECTION FROM THE VAST RANGE OF

Clarke®

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Submersible, electric and engine driven for DIY, agriculture and industry.

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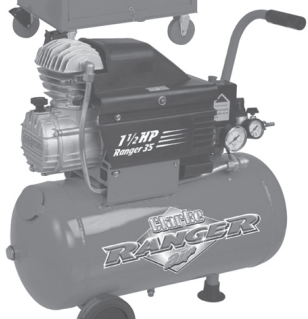
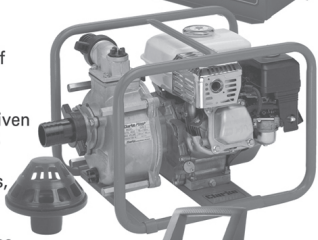
Angle grinders, cordless drill sets, saws and sanders..

STARTERS/CHARGERS
All sizes for car and commercial use.





PARTS & SERVICE: 0208 988 7400
E-mail: Parts@clarkeinternational.com or Service@clarkeinternational.com

SALES: UK 01992 565333 or Export 00 44 (0)1992 565335

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